

- Contact**  
dashed where gradational or approximately located
- Fault**  
dashed where inferred; dotted where concealed; queried where existence doubtful; double arrows indicate strike-slip movement; U - upthrown side; D - downthrown side relatively
- Axis of fold**  
arrow on axis indicates direction of plunge
- Strike and dip of strata**
- Anticline**
- Syncline**
- Inclined**  
30° inclined  
inclined (approximate)  
vertical  
overturned
- Fossil locality**

This map is preliminary and has not been reviewed for conformity with U.S. Geological Survey editorial standards and stratigraphic nomenclature.



- Surficial deposits**  
Qa; alluvium  
Qls; landslide debris
- Unconformity**
- Pancho Formation**  
Kps; arkosic sandstone, tan, micaceous, locally contains large concretions; minor interbedded shale  
Kp; micaceous shale, dark gray, with minor thin sandstone beds  
Kpa; Adobe Flat Shale Member of Maddock (1964); may include some rocks of early Cretaceous age
- Knoxville Formation**  
JKK  
Dark, micaceous shale
- Mafic and Ultramafic rocks**  
gb; gabbro and diabase, fine to medium-grained  
sp; serpentinite
- Franciscan assemblage**  
fsc; schistose metagraywacke  
fsr; sheared siltstone and mudstone, with tectonic blocks of graywacke, chert, greenstone, and blueschist  
fs; sandstone (graywacke), gray, hard, with minor dark gray micaceous shale;

**References cited:**

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Maddock, M.E., 1964, Geology of the Mount Boardman quadrangle, Santa Clara and Stanislaus Counties, California: California Division Mines and Geology, Map Sheet 3, scale 1:62,500

Geology mapped and compiled by T.W. Dibblee, Jr., (1975); in part modified from M.E. Maddock, (1964), and D.K. Cowan, (1974).



PRELIMINARY GEOLOGIC MAP OF THE WILCOX RIDGE QUADRANGLE, STANISLAUS COUNTY, CALIFORNIA

by Thomas W. Dibblee, Jr.